

AMENDMENTS TO THE SPECIFICATION

Please insert the following section heading at page 1, before line 4:

-- BACKGROUND OF THE INVENTION --

Please replace the section heading at page 1, line 4 with the following rewritten section heading:

-- 1. FIELD OF THE INVENTION --

Please replace the paragraph at page 1, line 10 with the following rewritten paragraph:

-- The present invention, further, relates to a fluorine-containing copolymer having a lowered concentration of metal elements, which will be an impurity source, and suitable for uses, for example, transportation rolls, sealing materials, ~~horseshoses~~, tubes and the like in the filed of liquid crystal and semiconductor production apparatuses, or polymer matrixes for forming polymer electrolytes of lithium secondary batteries in the electric field, and also relates to cross-linking (vulcanization) molded articles thereof. --

Please replace the section heading at page 1, line 20 with the following rewritten section heading:

-- PROBLEMS IN DESCRIPTION OF THE PRIOR ART --

Please replace the paragraph beginning at page 1, line 21, continuing onto page 2, with the following rewritten paragraph:

-- Fluorine-containing copolymers generally tend to have more ~~excellent~~enhanced chemical resistance, heat resistance and ~~pure properties~~higher purity as compared with polyolefins or the like and ~~are have been~~ conventionally used for ~~uses~~, for example, ~~for~~ molded articles such as transportation rolls, sealing materials, ~~horseshoses~~, tubes and the like in the ~~filed-field~~ of liquid crystal and semiconductor production apparatuses, or polymer matrixes for forming polymer electrolytes of lithium secondary batteries in the electric field. --

Please replace the paragraph at page 2, line 14 with the following rewritten paragraph:

-- Accordingly, with regard to materials for use in liquid crystal and semiconductor production apparatuses, it is also desired to use materials incapable of generating impurity substances, which induce product ~~defectiveness~~defects. --

Please delete the section heading at page 4, line 18.

Please replace the paragraph beginning on page 4, line 19, continuing onto page 5, with the following rewritten paragraph:

-- The present invention ~~is intended to solve~~ solves the problems associated with the prior arts, ~~it is an object of the present invention to provide art by providing a process for preparing a fluorine containing copolymer which process can produce~~ produces a high purity fluorine containing copolymer having a lowered concentration of metal elements from a fluorine containing copolymer dispersed aqueous solution prepared by an emulsion polymerization method, preferably an emulsion polymerization method without using metal element containing starting materials. --

Please replace the paragraph at page 5, line 6 with the following rewritten paragraph:

-- ~~It is another object of the~~ The present invention to provide further provides a fluorine containing copolymer suitable for uses, for example, transportation rolls, sealing materials, ~~horseshoses~~, tubes and the like in the filed of liquid crystal and semiconductor production apparatuses, or polymer matrixes for forming polymer electrolytes of lithium secondary batteries in the electric field, wherein the uses are obtainable by melt molding or vulcanization (cross-linking) molding the fluorine containing copolymer prepared by the above method and have a lowered concentration of metal elements. --

Please replace the section heading at page 5, line 17, with the following rewritten section heading:

-- ~~DISCLOSURE~~ SUMMARY OF THE INVENTION --

Please replace the section heading at page 8, line 1, with the following rewritten section heading:

-- ~~BEST MODE OF CARRYING OUT~~ DETAILED DESCRIPTION OF THE INVENTION --

Please delete the section heading at page 21, line 9.

Please replace the paragraph at page 31, line 4 with the following rewritten paragraph:

-- As is clear from Tables 1 and 2, of the vulcanization molded articles obtained above, the vulcanization molded article prepared in Example 4 using the fluorine

containing copolymer prepared in Example 3 had a decreased concentration of the metal elements as compared with the vulcanization molded article prepared in Comparative Example 6 using the fluorine containing copolymer prepared in Comparative Example 3. Therefore, the vulcanization molded article prepared in Example 4 ~~are~~is suitably used for transportation rolls, sealing materials, ~~horseshoes~~hoses, tubes and the like in the ~~field~~field of liquid crystal and semiconductor production apparatuses, or polymer matrixes for forming polymer electrolytes of lithium secondary batteries in the electric field. --